Find the station and elevation of the point of intersection, sketch the unequal tangent vertical curve, and compute elevations and percent grade at full stations and the low point:

PVC station	=	44+00
PVC elevation	=	1227.00 feet
G1	=	−4.500%
G2	=	+1.500%
PVT station	=	54+00
PVT elevation	=	1206.00 feet

G1%	=		G1%	=
G2%	=		G2%	=
A	=		A	=
B	=		B	=
C	=		C	=
r	=		r	=

STA	X	CRV ELEV	% SLOPE